

# INTERNATIONAL SEARCH REPORT

national Application No  
PCT/EP2004/005605

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04R1/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, PAJ, WPI Data, INSPEC, IBM-TDB

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 442 713 A (PATEL BAKULESH B ET AL) 15 August 1995 (1995-08-15) column 1, line 51 - column 2, line 39 claims 1-8; figure 2	1-11
X	US 4 966 252 A (DREVER LESLIE C) 30 October 1990 (1990-10-30) column 3, line 19 - column 4, line 33 claims 1-4; figures 1-4	1-11
X	US 2 536 261 A (CALDWELL JR STEPHEN A) 2 January 1951 (1951-01-02) column 1, line 44 - column 4, line 61 claims 1-5; figures 1,2	1-11

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

1 October 2004

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08/10/2004

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5442713	A	15-08-1995	CN 1085378 A ,B MX 9304758 A1 WO 9406256 A1	13-04-1994 31-05-1994 17-03-1994
US 4966252	A	30-10-1990	NONE	
US 2536261	A	02-01-1951	NONE	